

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
 Data File : BM046856.D
 Acq On : 27 Jul 2024 07:22
 Operator : MA/JU
 Sample : P3264-08DL 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BD8DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/29/2024
 Supervised By :mohammad ahmed 08/05/2024

Quant Time: Jul 28 23:28:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 15:10:37 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.464	152	7055	0.400	ng/ul	0.00
4) Naphthalene-d8	10.222	136	13604	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.109	164	8674	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.867	188	17542	0.400	ng/ul	0.00
17) Chrysene-d12	21.079	240	9071	0.400	ng/ul	# 0.00
23) Perylene-d12	23.206	264	9291	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	1432	0.290	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.822	152	741	0.034	ng/ul	0.00
18) Fluoranthene-d10	18.905	212	1416	0.048	ng/ul	0.00
Target Compounds						Qvalue
10) Acenaphthylene	13.827	152	6294	0.158	ng/ul	97
11) Acenaphthene	14.174	153	651	0.024	ng/ul	93
12) Fluorene	15.169	166	2527	0.075	ng/ul#	97
15) Phenanthrene	16.909	178	87755	1.740	ng/ul	98
16) Anthracene	16.998	178	24162	0.515	ng/ul	99
19) Fluoranthene	18.937	202	135368	3.398	ng/ul	99
20) Pyrene	19.300	202	98427	2.388	ng/ul	100
21) Benzo(a)anthracene	21.064	228	60472	1.600	ng/ul	98
22) Chrysene	21.114	228	52649	1.371	ng/ul	99
24) Benzo(b)fluoranthene	22.581	252	51689m	1.267	ng/ul	
25) Benzo(k)fluoranthene	22.616	252	18927m	0.460	ng/ul	
26) Benzo(a)pyrene	23.113	252	20634	0.705	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.306	276	15695	0.348	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.313	278	6161	0.187	ng/ul#	78
29) Benzo(g,h,i)perylene	25.947	276	2465	0.062	ng/ul#	62

(#) = qualifier out of range (m) = manual integration (+) = signals summed

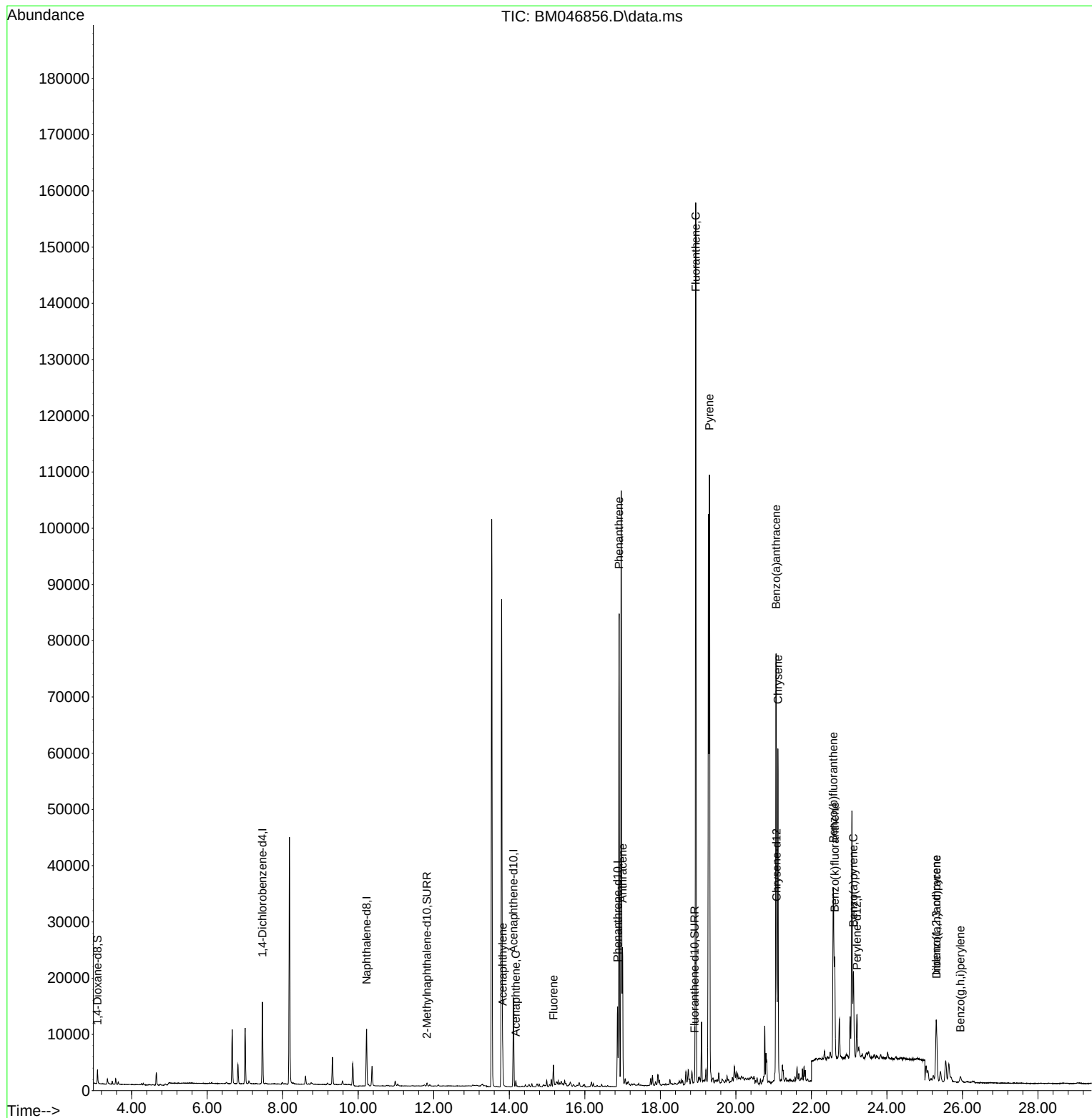
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
Data File : BM046856.D
Acq On : 27 Jul 2024 07:22
Operator : MA/JU
Sample : P3264-08DL 5X
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ALS Vial : 37 Sample Multiplier: 1

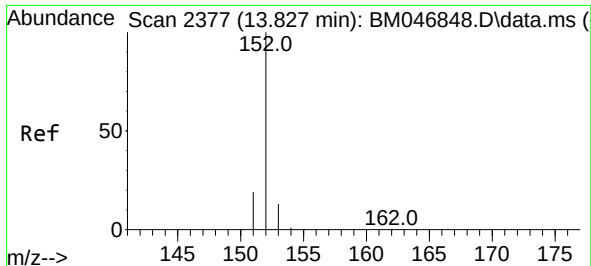
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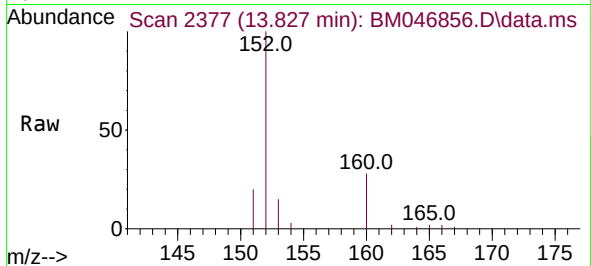
Quant Time: Jul 28 23:28:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
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#10
Acenaphthylene
Concen: 0.158 ng/u1
RT: 13.827 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM046856.D
Acq: 27 Jul 2024 07:22

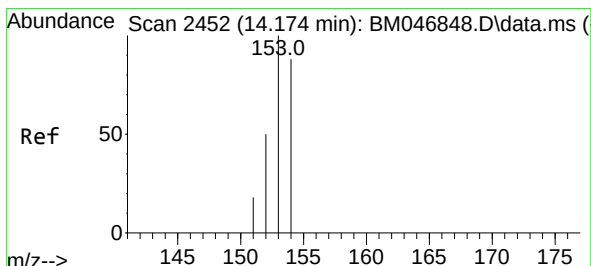
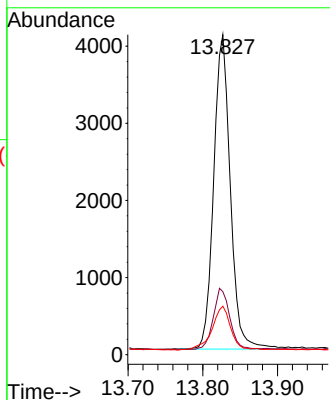
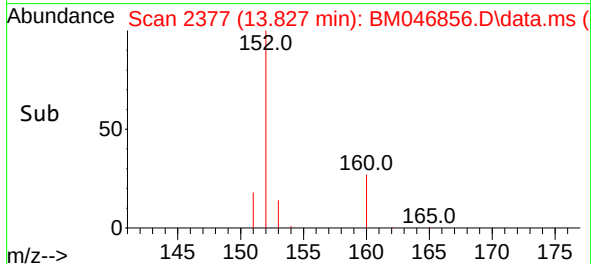
Instrument :
BNA_M
ClientSampleId :
A4BD8DL



Tgt Ion:152 Resp: 6294
Ion Ratio Lower Upper
152 100
151 19.7 16.8 25.2
153 15.2 11.0 16.6

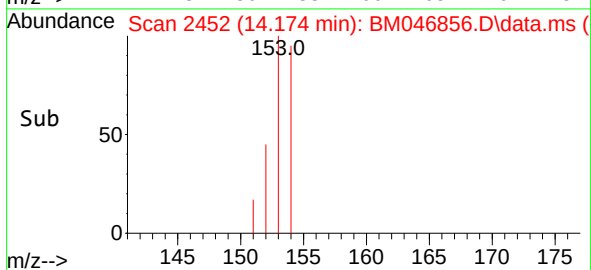
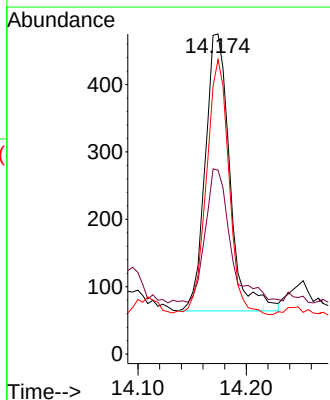
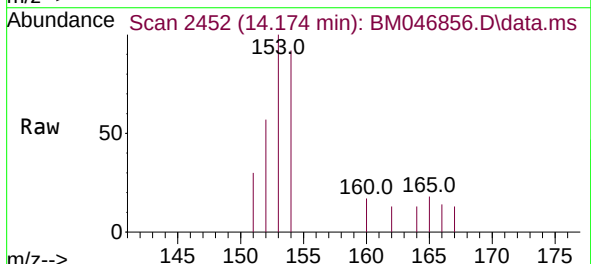
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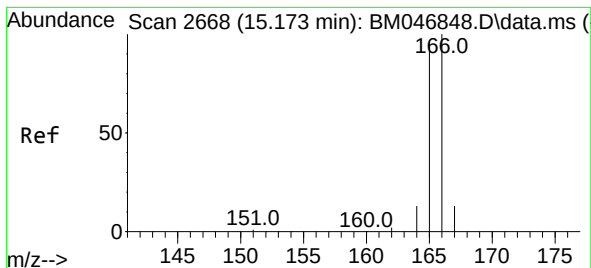
Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024



#11
Acenaphthene
Concen: 0.024 ng/u1
RT: 14.174 min Scan# 2452
Delta R.T. -0.009 min
Lab File: BM046856.D
Acq: 27 Jul 2024 07:22

Tgt Ion:153 Resp: 651
Ion Ratio Lower Upper
153 100
152 57.5 38.6 57.8
154 92.0 70.8 106.2





#12

Fluorene

Concen: 0.075 ng/ul

RT: 15.169 min Scan# 2

Delta R.T. -0.009 min

Lab File: BM046856.D

Acq: 27 Jul 2024 07:22

Instrument :

BNA_M

ClientSampleId :

A4BD8DL

Tgt Ion:166 Resp: 252

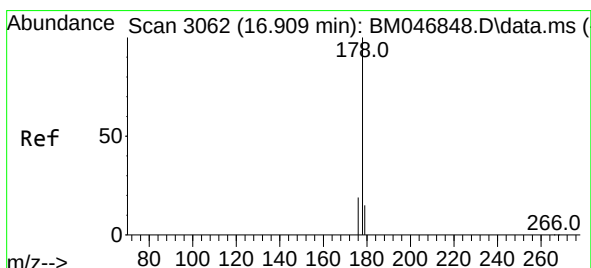
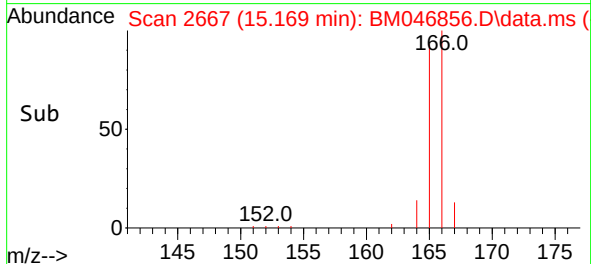
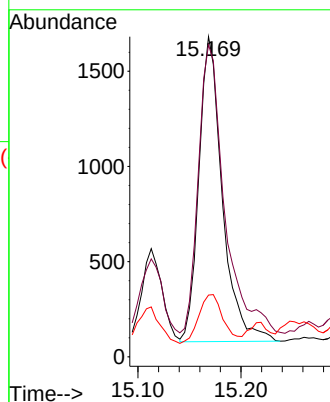
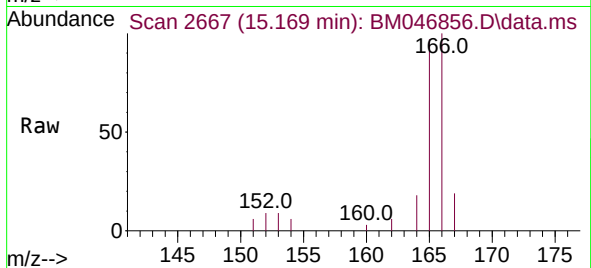
Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.8	119.6
167	19.3	12.3	18.5

Manual Integrations

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#15

Phenanthrene

Concen: 1.740 ng/ul

RT: 16.909 min Scan# 3062

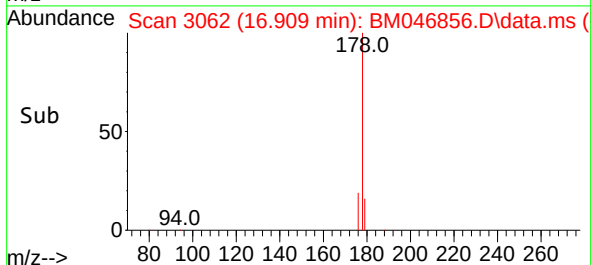
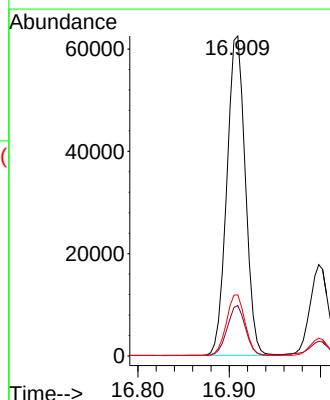
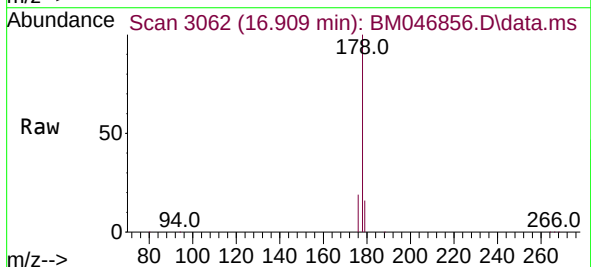
Delta R.T. -0.004 min

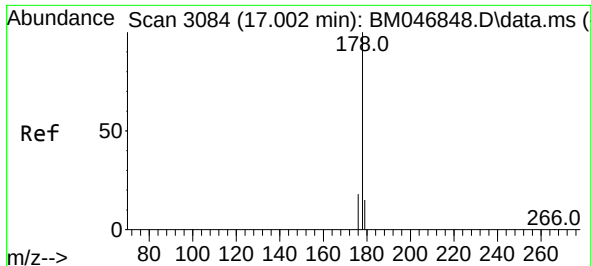
Lab File: BM046856.D

Acq: 27 Jul 2024 07:22

Tgt Ion:178 Resp: 87755

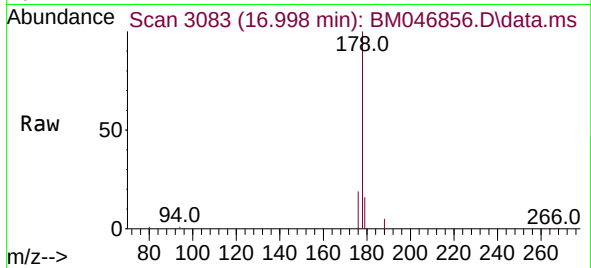
Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.4	20.2
176	19.1	16.1	24.1





#16
 Anthracene
 Concen: 0.515 ng/u1
 RT: 16.998 min Scan# 3084
 Delta R.T. -0.008 min
 Lab File: BM046856.D
 Acq: 27 Jul 2024 07:22

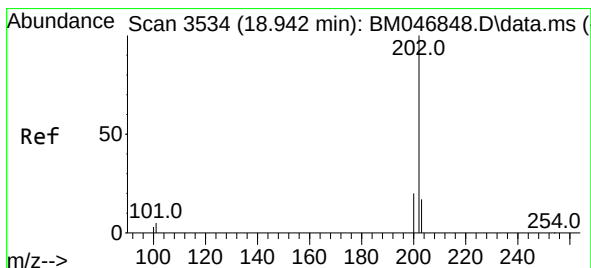
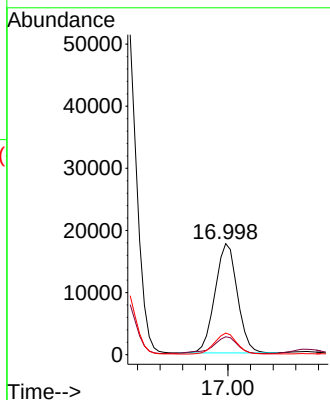
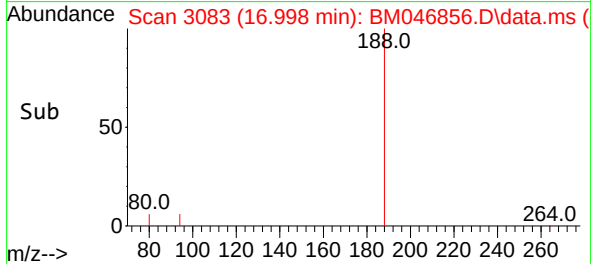
Instrument :
 BNA_M
 ClientSampleId :
 A4BD8DL



Tgt Ion:178 Resp: 2416
 Ion Ratio Lower Upper
 178 100
 179 16.2 13.1 19.7
 176 19.4 15.0 22.6

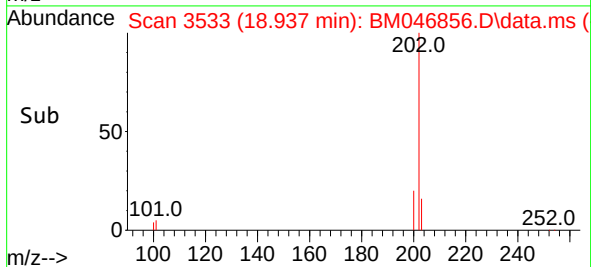
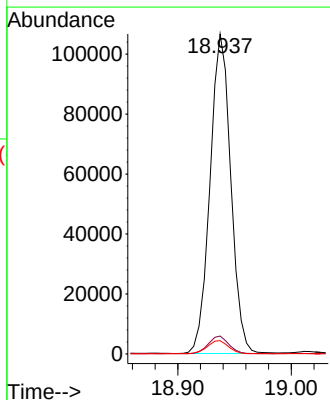
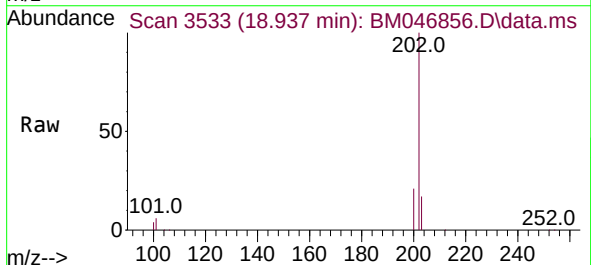
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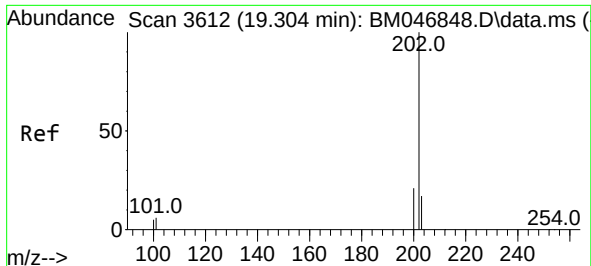
Reviewed By :Yogesh Patel 07/29/2024
 Supervised By :mohammad ahmed 08/05/2024



#19
 Fluoranthene
 Concen: 3.398 ng/u1
 RT: 18.937 min Scan# 3533
 Delta R.T. -0.004 min
 Lab File: BM046856.D
 Acq: 27 Jul 2024 07:22

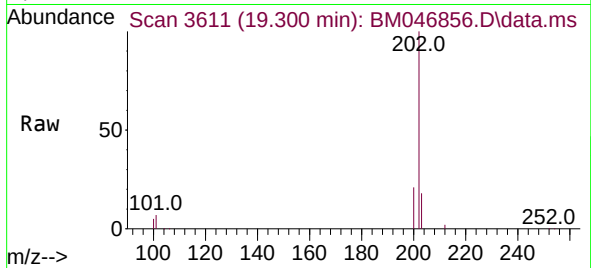
Tgt Ion:202 Resp: 135368
 Ion Ratio Lower Upper
 202 100
 101 5.6 4.7 7.1
 100 4.2 3.4 5.2





#20
Pyrene
Concen: 2.388 ng/ul
RT: 19.300 min Scan# 30
Delta R.T. -0.004 min
Lab File: BM046856.D
Acq: 27 Jul 2024 07:22

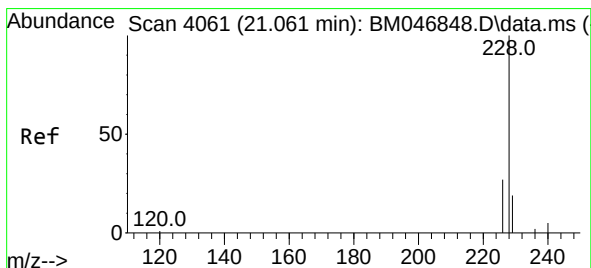
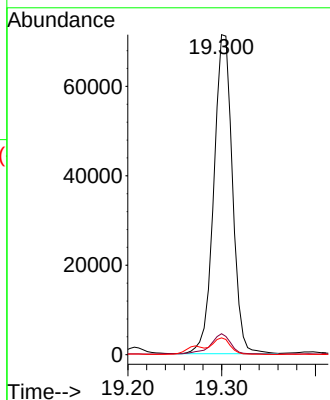
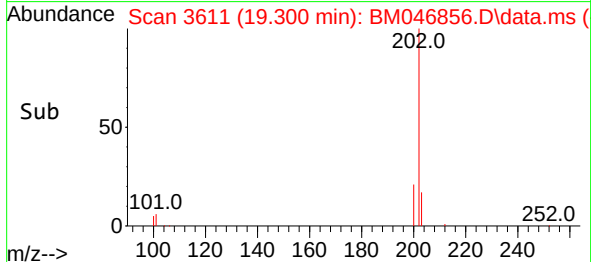
Instrument :
BNA_M
ClientSampleId :
A4BD8DL



Tgt Ion:202 Resp: 9842
Ion Ratio Lower Upper
202 100
101 6.6 5.2 7.8
100 5.3 4.3 6.5

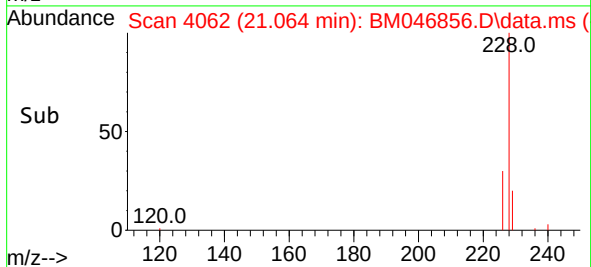
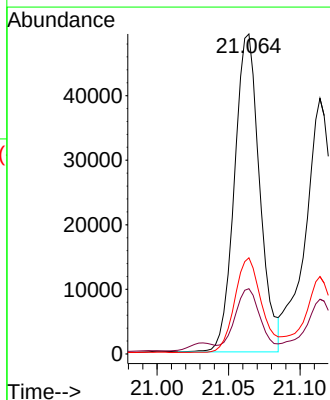
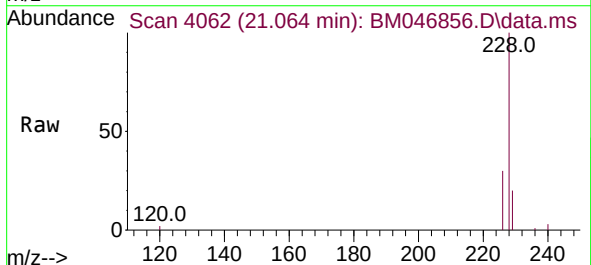
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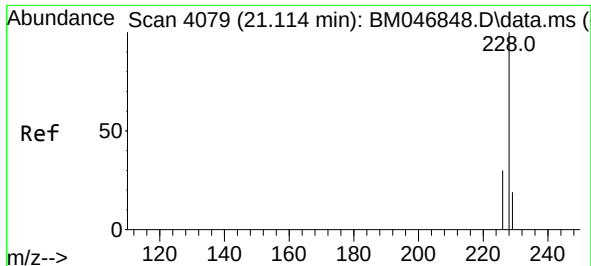
Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024



#21
Benzo(a)anthracene
Concen: 1.600 ng/ul
RT: 21.064 min Scan# 4062
Delta R.T. 0.000 min
Lab File: BM046856.D
Acq: 27 Jul 2024 07:22

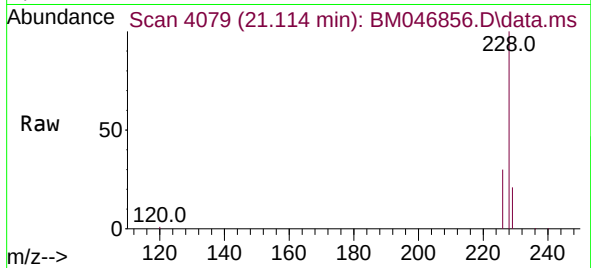
Tgt Ion:228 Resp: 60472
Ion Ratio Lower Upper
228 100
229 20.4 16.3 24.5
226 30.0 22.3 33.5





#22
Chrysene
Concen: 1.371 ng/ul
RT: 21.114 min Scan# 4079
Delta R.T. -0.003 min
Lab File: BM046856.D
Acq: 27 Jul 2024 07:22

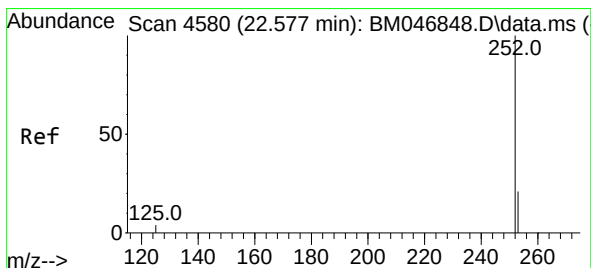
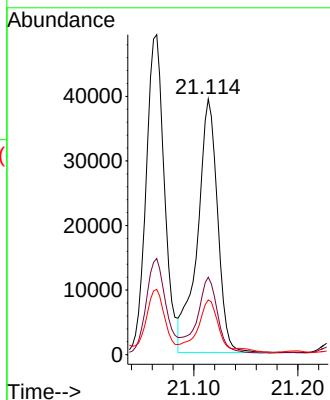
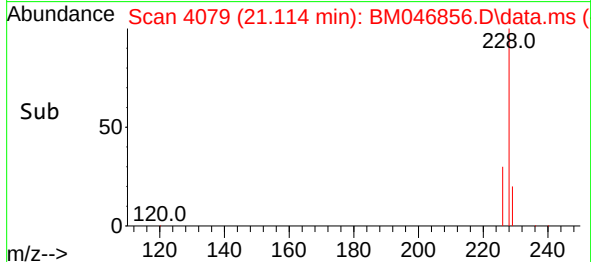
Instrument :
BNA_M
ClientSampleId :
A4BD8DL



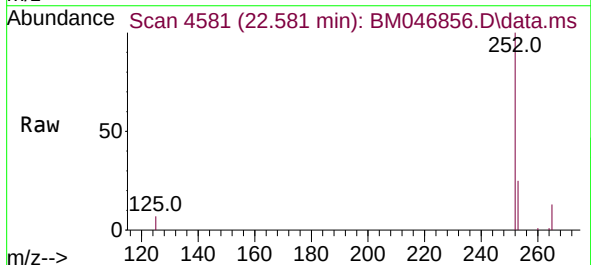
Tgt Ion:228 Resp: 52649
Ion Ratio Lower Upper
228 100
226 30.3 24.5 36.7
229 21.4 16.2 24.2

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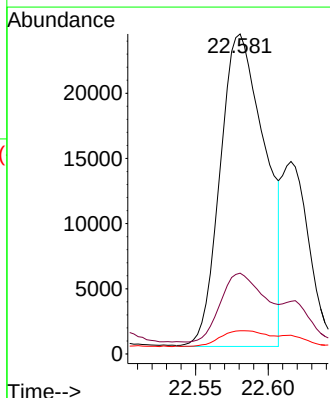
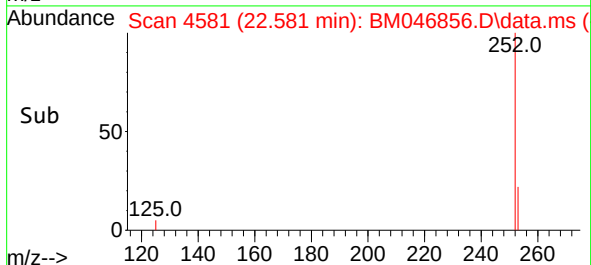
Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024

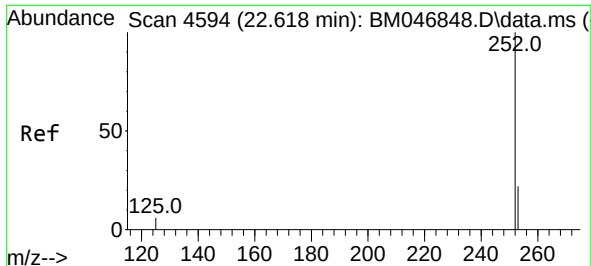


#24
Benzo(b)fluoranthene
Concen: 1.267 ng/ul m
RT: 22.581 min Scan# 4581
Delta R.T. 0.000 min
Lab File: BM046856.D
Acq: 27 Jul 2024 07:22



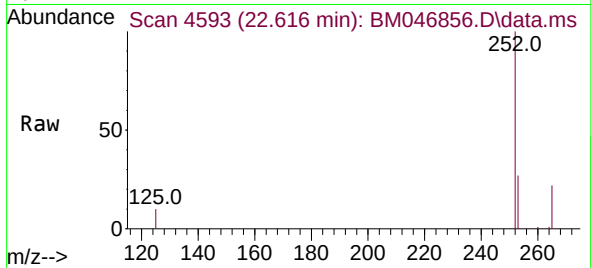
Tgt Ion:252 Resp: 51689
Ion Ratio Lower Upper
252 100
253 25.2 0.0 56.4
125 7.3 0.0 15.8





#25
Benzo(k)fluoranthene
Concen: 0.460 ng/ul m
RT: 22.616 min Scan# 4593
Delta R.T. -0.006 min
Lab File: BM046856.D
Acq: 27 Jul 2024 07:22

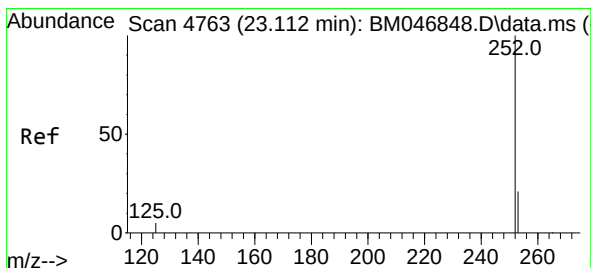
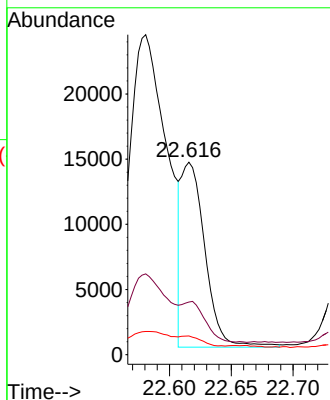
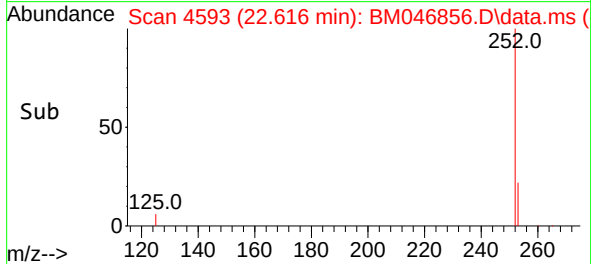
Instrument :
BNA_M
ClientSampleId :
A4BD8DL



Tgt Ion:252 Resp: 1892
Ion Ratio Lower Upper
252 100
253 27.3 23.5 35.3
125 9.7 8.6 13.0

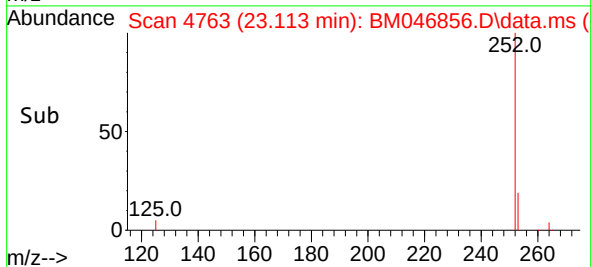
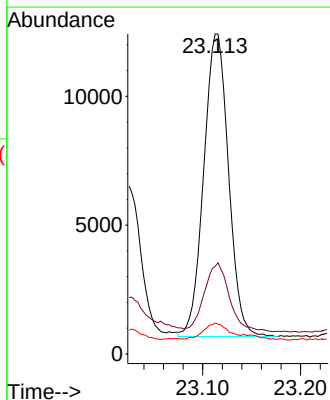
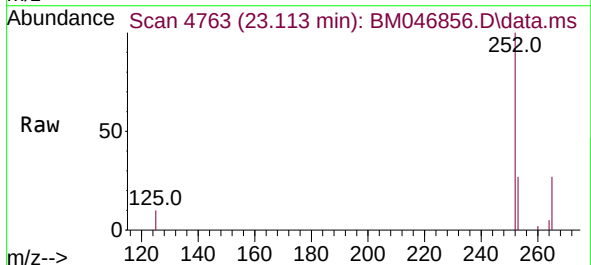
Manual Integrations
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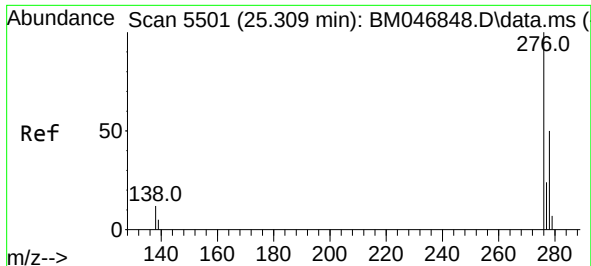
Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024



#26
Benzo(a)pyrene
Concen: 0.705 ng/ul
RT: 23.113 min Scan# 4763
Delta R.T. -0.006 min
Lab File: BM046856.D
Acq: 27 Jul 2024 07:22

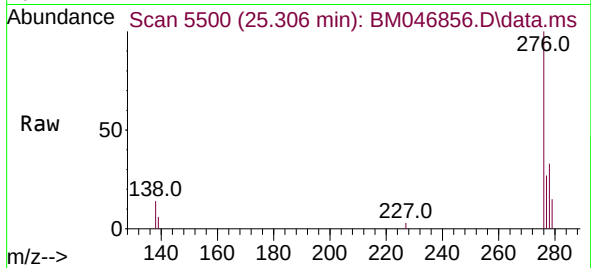
Tgt Ion:252 Resp: 20634
Ion Ratio Lower Upper
252 100
253 27.3 26.0 39.0
125 9.6 7.8 11.8





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.348 ng/ul
RT: 25.306 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM046856.D
Acq: 27 Jul 2024 07:22

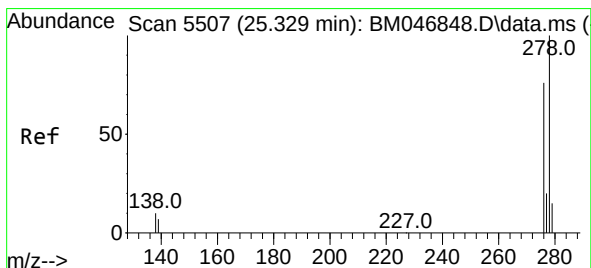
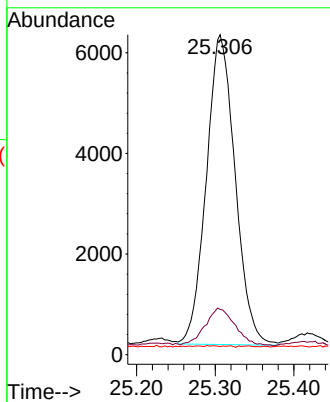
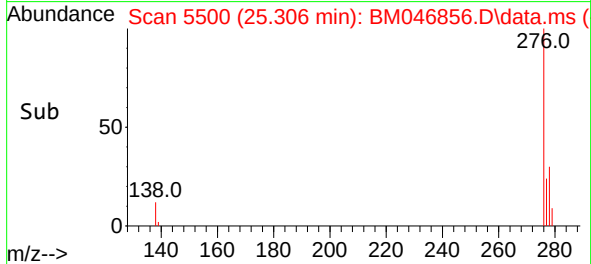
Instrument :
BNA_M
ClientSampleId :
A4BD8DL



Tgt Ion:276 Resp: 1569
Ion Ratio Lower Upper
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138 12.9 9.7 14.5
227 0.1 0.2 0.2

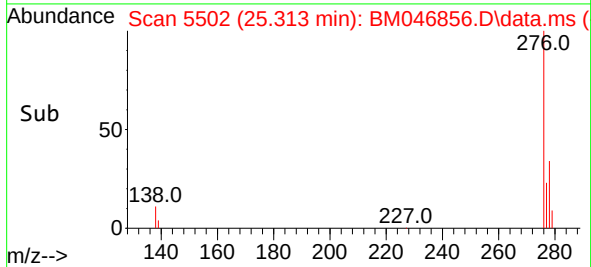
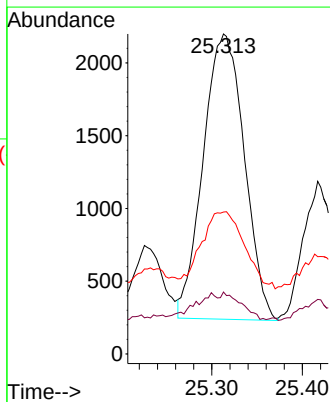
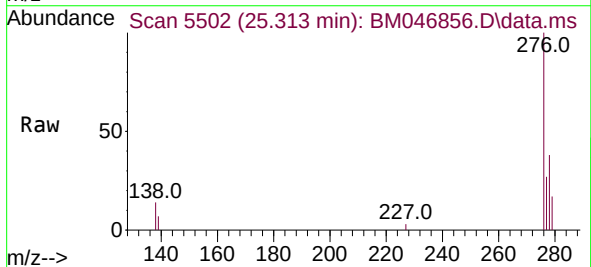
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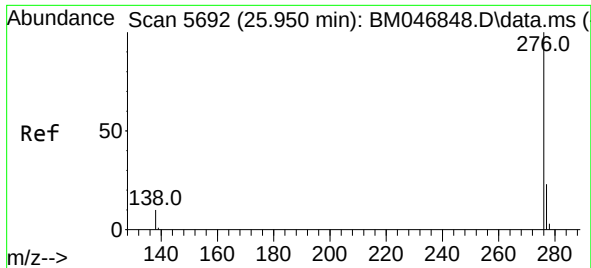
Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024



#28
Dibenzo(a,h)anthracene
Concen: 0.187 ng/ul
RT: 25.313 min Scan# 5502
Delta R.T. -0.020 min
Lab File: BM046856.D
Acq: 27 Jul 2024 07:22

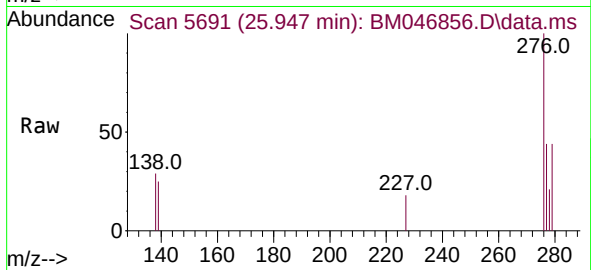
Tgt Ion:278 Resp: 6161
Ion Ratio Lower Upper
278 100
139 19.4 9.8 14.8#
279 44.3 25.2 37.8#





#29
Benzo(g,h,i)perylene
Concen: 0.062 ng/ul
RT: 25.947 min Scan# 50
Delta R.T. -0.006 min
Lab File: BM046856.D
Acq: 27 Jul 2024 07:22

Instrument :
BNA_M
ClientSampleId :
A4BD8DL



Tgt Ion:276 Resp: 246
Ion Ratio Lower Upper
276 100
138 29.2 9.5 14.3
277 44.3 20.9 31.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024

